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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))</i>		Attorney Docket No. 1217-031377
		First Inventor Hitoshi Nagaoka
		Title "Inhibitor of Hepatitis B and HIV Activity"
		Express Mail Label No. EV 336816111 US

<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents.</i>		Commissioner For Patents Mail Stop Patent Application P.O. Box 1450 Alexandria VA 22313-1450
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<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 10] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> </p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 1]</p> <p>5. Oath or Declaration [Total Pages 2] <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li> </ul> </li> </ul> </p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>		<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. <input type="checkbox"/> Specification Sequence Listing on:           <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul> </p>
<b>ACCOMPANYING APPLICATION PARTS</b>		
<p>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i></p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input checked="" type="checkbox"/> Other: Copy of Notice of Divisional Application; Communication</p>		

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No: 08 / 519,293

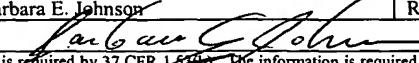
Prior application information: Examiner Irene Marx Art Unit: 1651

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	28289 <i>(Insert Customer No. or Attach bar code label here)</i>	or <input type="checkbox"/> Correspondence address below
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Name	Barbara E. Johnson Webb Ziesenhein Logsdon Orkin & Hanson, P.C.				
Address	700 Koppers Building 436 Seventh Avenue				
City	Pittsburgh	State	PA	Zip Code	15219
Country	United States	Telephone	412-471-8815	Fax	412-471-4094

Name (Print/Type)	Barbara E. Johnson	Registration No. (Attorney/Agent)	31,198
Signature			Date August 19, 2003

This collection of information is required by 37 CFR 1.16(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

15535 U.S. PRO  
10/64421



06/19/03

**PATENT APPLICATION TRANSMITTAL LETTER**

MAIL STOP PATENT APPLICATION  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Transmitted herewith for filing is the patent application of: Hitoshi Nagaoka  
 Entitled: "Inhibitor of Hepatitis B and HIV Activity"

Small Entity Status:

Small Entity Statement under 37 CFR 1.27 is enclosed  
 Small Entity Status is asserted for this application under 37 CFR 1.27

Enclosed are:  1 sheets of drawings  
 Declaration (copy from parent)  
 Communication  
 Copy of Notification of Filing of Continuing or Divisional Application

**CLAIMS AS FILED**

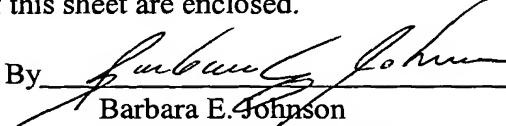
	<u>No. Filed</u>	<u>No. Extra</u>	<u>Small Entity Rate</u>	<u>Non-Small Entity Rate</u>	<u>Charge</u>
Total					
Claims	<u>5</u>	<u>-20 = 0</u>	x \$ 9.00	x \$ 18.00	\$ 0
Indep.					
Claims	<u>1</u>	<u>-3 = 0</u>	x \$ 42.00	x \$ 84.00	\$ 0
Multiple Dependent Claim/s			+ \$140.00	+ \$280.00	\$ 0
Basic Fee			+ \$375.00	+ \$750.00	\$ 375.00
			Total of above Charges		\$ 375.00
			Total Fee		\$ 375.00

A check in the amount of \$ 375.00 is enclosed to cover the filing fee.

The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR 1.16 or patent application processing fees under 37 CFR 1.17 associated with this communication to Deposit Account No. 23-0650. Please refund any overpayment to Deposit Account No. 23-0650.

An original and two copies of this sheet are enclosed.

August 19, 2003  
 Date

By   
 Barbara E. Johnson  
 Registration No. 31,198  
 Attorney for Applicants  
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 436 Seventh Avenue  
 Pittsburgh, PA 15219-1818  
 Telephone: 412-471-8815  
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PATENT APPLICATION  
Attorney's Docket No. 1217-951551

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hitoshi Nagaoka  
Serial No.: 08/519,293 Group Art Unit: 1651  
Filing Date: August 25, 1995 Examiner: Irene Marx  
Title: "Inhibitor of Hepatitis B and HIV Activity"

Mail Stop PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

NOTIFICATION OF FILING OF  
CONTINUING OR DIVISIONAL APPLICATION

Notification is hereby being made of the filing of a:

Continuation  
 Continuation-in-part  
 Divisional

application for this case filed:

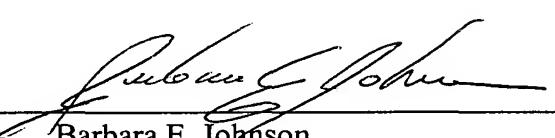
concurrently herewith.  
 on August 19, 2003  
(date)

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON  
ORKIN & HANSON, P.C.

Date: August 19, 2003

By

  
Barbara E. Johnson

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 19, 2003.

Anna Rosenstein  
(Name of Person Mailing Paper)

  
Signature

8/19/2003  
Date

**COPY**

PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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IN RE APPLICATION OF:

ATTORNEY'S DOCKET NUMBER

Hitoshi Nagaoka

1217-031377

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ENTITLED

"Inhibitor of Hepatitis B and HIV Activity"

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Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**EXPRESS MAIL CERTIFICATE**

"Express Mail" Label Number EV 336816111 US

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Date of Deposit August 19, 2003

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I hereby certify that the following attached papers or fees

UTILITY PATENT APPLICATION TRANSMITTAL (1 p.);  
PATENT APPLICATION FEE TRANSMITTAL (1 p.-in trip.);  
COMMUNICATION (3 pp);  
SPECIFICATION (8 pp.);  
CLAIMS (1 p.);  
ONE (1) SHEET OF DRAWINGS;  
DECLARATION AND POWER OF ATTORNEY (2 pp.-copy from parent);  
COPY OF NOTIFICATION OF FILING OF CONTINUING OR DIVISIONAL  
APPLICATION (1 p.);  
IDS (4 pp.); SUPPLEMENTAL IDS (3 pp.); REFERENCES  
and Check for \$375.00 for fee

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Anna Rosenstein  
(Typed name of person mailing paper or fee)

*Anna Rosenstein*  
(Signature of person mailing paper or fee)